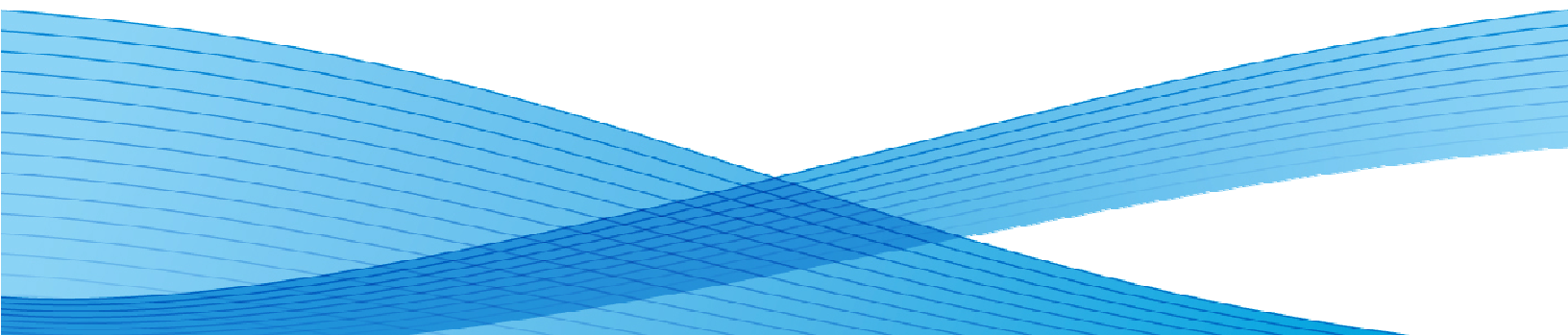# Xerox® D110/125 Copier-Printer
With Integrated Print Server and Optional FreeFlow® or Fiery® Print Servers

Customer Expectations Document

February 2012

Revision History

Date	Revision	Author	Reason for Change
January 5, 2012	1.0	Tim Blaakman	Updated CRU part numbers- Page 21; Toner 6R01561, Fuser Cleaning 8R13085, Page 22; Drum 13R00666
January 5, 2012	1.0	Tim Blaakman	Color and branding Updates
January 5, 2012	1.0	Tim Blaakman	FreeFlow® Application Suite (FFAS) not validated or supported disclaimer added
January 5, 2012	1.0	Tim Blaakman	Maximum booklet stapling capacity 25 sheets (depending upon paper weight) Page 2

... add more functionality with optional feeding modules and optional finishing modules

2-Tray Oversize High Capacity Feeder	Interface Module	High capacity® Stacker

GBC® AdvancedPunch™	Booklet Maker® Finisher	SquareFold® Trimmer
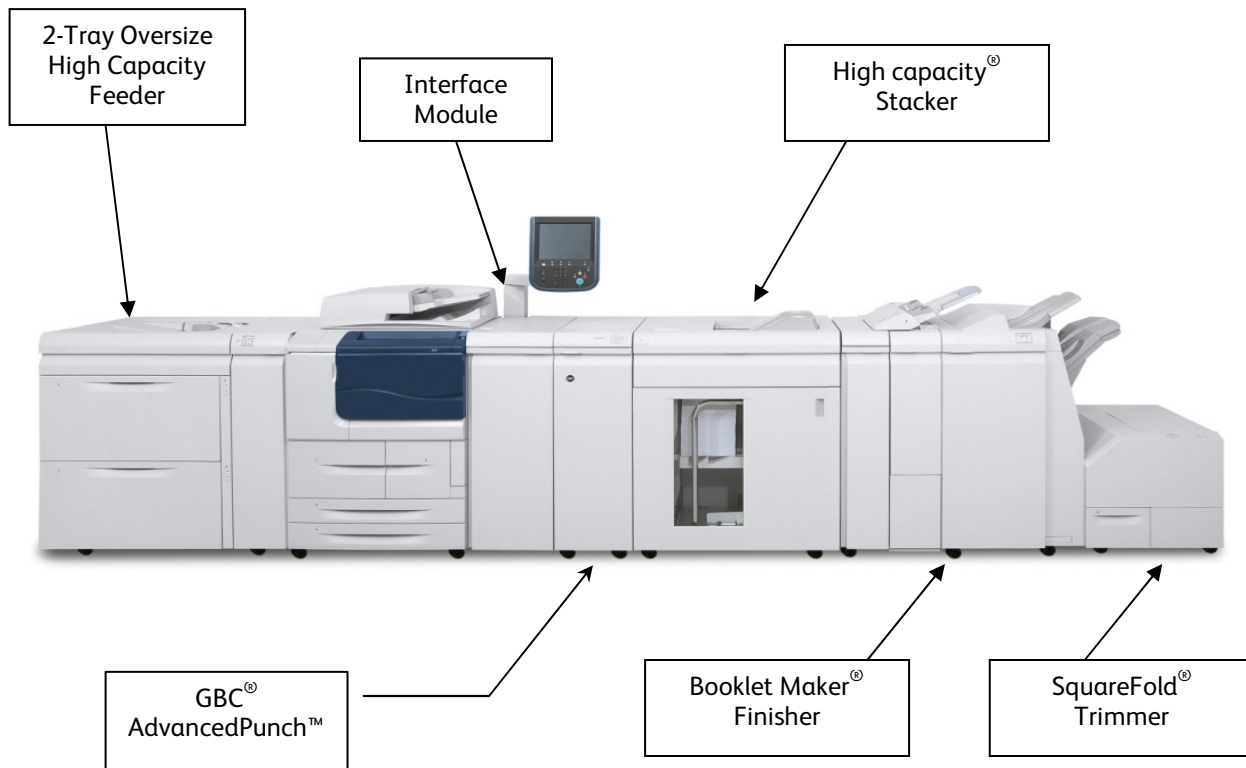
Configuration shown with the following optional modules:

- ✓ **2-tray Oversize High Capacity Feeder**

- ✓ **Interface Module**

- ✓ **GBC® AdvancedPunch™**

- ✓ **High Capacity Stacker**

- ✓ **Booklet-maker Finisher**

- ✓ **SquareFold® Trimmer**

The following additional finishing modules are also available:

- ✓ **Standard Finisher Plus**

- ✓ **Xerox Tape Binder**

- ✓ **GBC E-Binder 200**

- ✓ **Plockmatic Pro 30 Booklet Maker w/RCT 30**

*This product is DFA compatible and is available to connect online with qualified third party finishing devices.

Table of Contents

1. Introduction

The purpose of this document is to help you understand the high level expectations, features, and capabilities of the **Xerox® D110/ D125 Copier-Printer.**

The **Xerox® D110Copier-Printer** 110 page per minute and our **Xerox® D125 Copier-Printer** 125 page per minute are black and white digital offerings, designed for large offices, small/medium size central reproduction departments, and print shops.

Print Engine includes an Automatic Document Feeder (ADF), Scanner, User Interface, Bypass Tray, Nationalization Kit, Integrated Copy/Print Server, and client print drivers.

2. Product Overview

Our Xerox® D110/D125 Copier/Printer is fast, flexible and easy to use. It produces innovative, more complex, diverse, and professional output.

2.1. Print Engines

- Xerographic Engine
- Print Speeds for simplex printing mode
    - 110/125 ppm (8.5" x 11"/A4)
    - 69/78 ppm (8.5" x 14"/B4)
    - 55/62 ppm (11" x 17"/A3)
    - 34/34 ppm (12" x 18"/SRA3)
- First Copy Out Time: 3.5 seconds
- Simplex or duplex printing
- Up to 1200 x 1200 dpi RIP resolution and up to 2400 x 2400 dpi resolution with halftone screen 106 lpi (default) or 150 lpi (high quality mode)
- Front to back registration +/- 0.7mm (customer adjustable)
- Automatic Meter Read (AMR) capable (where available)
- Bates Stamping

2.2. Document Storage

40 GB Hard Drive with 14.6 GB for document storage

2.3. Scanner/Document Handler

- Single Pass Duplex Color Scanning Standard; 100 ppm simplex / 200 ipm duplex
- Optical 600 x 600 dpi 8-bit Gray (256 shades) scan resolution
- Scans in industry standard PDF, JPEG, TIFF or multi-page TIFF
- Scan to Email with Mail Delivery Notification
- Supports LDAP
- Scan to Network File Server
- 250 sheet Duplex Automatic Document Feeder
- Throughput sizes: 5" x 8" to 11" x 17"/A5 to A3
- Throughput weights:
- Simplex or duplex: 16 lb Bond to 110 lb Index (52 gsm to 200 gsm)
- Optional PDF Scan Kit
- Optional Scan to/Print from USB

Note: Xerox® provides TWAIN compatible data source software. This software may be installed on computers running Windows XP, Windows 7, or Vista to allow TWAIN compliant applications to interact with the scanner via a LAN connection. For more information regarding TWAIN, please contact your Xerox® sales

representative for a copy of the document entitled; 'Frequently Asked Questions for the TWAIN Driver & the Xerox® D110/D125 Copier/Printer'.

2.4. Paper Handling

Stock weights and capacity (at 20 lb/80 gsm):

- Tray 1: 1,100 sheets maximum (8.5" x 11"/A4); 16 lb Bond to 80 lb Cover (52 gsm to 216 gsm)
- Tray 2: 1,600 sheets maximum (8.5" x 11"/A4); 16 lb Bond to 80 lb Cover (52 gsm to 216 gsm)
- Tray 3-4: 550 sheets maximum each 5.5" x 7.2" (140mm x 182mm) to 13.0" x 19.2";
  (330mm x 488mm/A5 to SRA3); 16 lb Bond to 80 lb Cover (52 gsm to 216 gsm)
- Tray 5 Bypass Tray:
  250 sheets maximum (4" x 6"/102mm x 152mm to 13" x 19.2"/330mm x 488mm);
  16 lb Bond to 140 lb Index (52 gsm to 253 gsm)
- Standard Post Process Inserter:
  Inserts pre-printed offset or digital color documents
  in a post fuser manner; 200 sheets maximum (8.5" x 11" to
  11" x 17"/A4 to A3); 16 lb Bond to 90 lb Cover (52 gsm to 220 gsm)
- Optional High Capacity Feeder:
  2 trays, 2,000 sheets maximum each (8.5" x 11"/A4);
  16 lb Bond to 80 lb Cover (52 gsm to 216 gsm)
- Optional Oversize High Capacity Feeder:
  1 Tray; 2,000 sheets maximum (8" x 10"/B5 to 13" x 19.2"/
  SRA3); 18 lb to 110 lb Index (64 to 253 gsm); enables the use of
  more approved coated stocks
- Optional two-tray OHCF handles coated and uncoated substrates from 52 to 253 gsm and
  utilizes an air-assisted, robust feeder design for oversized and heavyweight. Automatic tray
  switching/reload while run capability. 2 tray; 4,000 sheet total capacity.
  Note: Regional availability

2.5. Optional Standard Finisher

- Multi position single, dual 100 sheet variable length stapling
- 2 and 3 hole punch North America; 2 and 4 hole punch Europe and South America ;
  4 hole Swedish punch
- Built in bi-directional de-curler
- Stacker capacity of 3,000 sheets (20 lb/80 gsm)
- Top tray capacity of 500 sheets (20lb/80gsm)

2.6. Optional Interface module

The Interface Module aligns the paper paths of the engine and High Capacity Stacker or the GBC®
AdvancedPunch™, cools and de-curls paper exiting the printer, and allows communication between the engine
and High Capacity Stacker. One Interface Module must be ordered when an optional High Capacity Stacker ,
GBC® AdvancedPunch™, or Standard Finisher Plus is ordered.

2.7. Optional Booklet Maker Finisher

Includes features of the Standard Finisher plus:
- Automatically creates booklets of up to 25 sheets (depending on paper weight)
- Creates booklets from 12" x 18"/SRA3, 11" x 17"/A3, 8.5" x 14"/B4 and 8.5" x 11"/A4

Note: Running higher than five (5) pages folded without staples may result in inconsistent fold quality.
Therefore non-stapled booklet fold sets are limited by default to five (5) physical sheets of paper. This
default may be reset by a request to the CSE.

2.8. Optional High Capacity Stacker with rollaway cart

- 5,000-sheet offsetting output stack tray; 7.2" x 8.3" up to 13" x 19.2" (B5 LEF to SRA3) (20 lb. Bond or 75 gsm)
- 500-sheet top tray (20 lb. Bond or 75 gsm)
- Includes one rollaway cart; additional carts available

2.9. Optional Folder

- C-fold and Z-fold of 8.5" x 11"/A4 (three equal size panels)
- Print on inside or outside of folded paper
- Folds 11" x 17"/A3 Z-fold for insertion into letter/A4 document sets
    - (Engineering Z-fold) , 8.5"x11"/A4 final size
- Paper weights range: 60 gsm - 90 gsm

2.10. Optional SquareFold® Trimmer Module

All settings and selections must be made at the user interface or from any of the print drivers.

- Minimum Paper Size is 8.5" x 11" / A4 Short Edge Feed (SEF)
- Maximum Paper Size is 13" x 18" (330 mm x 457 mm)
- Paper weights usage is 60 gsm - 253 gsm (papers above 105gsm as cover)
- Booklet size and trim capacity
    - @ 90 gsm (24 lbs) is 5 - 20 sheets or 20 - 80 booklet pages
    - @ 80 gsm (20 lbs) is 5 - 25 sheets or 20 - 100 booklet pages
- Cut amount 2 mm (0.078 inches) - 20 mm (0.78 inches) adjustable in 0.1 mm increments.

Notes: Trim settings less than 2 mm (0.078 in.) may result in inconsistent trim quality and trim settings greater than 20mm (0.78 in) will result in no trim to the booklet edge.

The covers may only be opened when a jam/fault occurs within the SquareFold® Trimmer Module. The top covers will not open during normal operation or when the machine is idle.

Booklets exiting/leaving the SquareFold® Trimmer Module may contain trim remnants/scraps from the previously trimmed booklet. This is due to static electricity build-up and is normal. If booklets contain trim remnants/scraps, simply remove and discard them.

2.11. Optional GBC® AdvancedPunch™

- Our new offering is an in-line punch unit with a variety of optional die set patterns to combine printing, collating and punching. Two (2) base GBC® AdvancedPunch™ are available for letter and A4 document sizes depending on your country of origin. These two (2) configurations are similar but differ to accommodate power and paper size.

- The GBC® AdvancedPunch™ is fully integrated with both the UI and the DFE's. It may be activated from either the touch panel UI or from the DFEs. It has both a Bypass Mode and Punch Mode.

- There are currently several optional interchangeable Die Sets available for this unit. One Die Set will come with the GBC® AdvancedPunch™. The 19-hole CombBind comes standard with the US letter Modules. The 21-hole CombBind comes standard with the A4 Module. Additional die set may be purchased (as shown in table below). Each die set has a 90 day warranty from date of purchase. Warranties will be handled through the normal supplies channel. Dies replaced under warranty will be warranted for the remainder of the period for the die being replaced. Failure to properly oil the die set and continuous use of heavy weight and glossy paper may result in reduced die set life.

Die Punch Sets for Letter Size

19-Hole CombBind (standard with punch module) • Conventional binding style • Pages lie flat • Editing capability with a machine	▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ 1 19 PB Plastic Bind; Hole Size: 8 mm x 2.9 mm (0.313" x 0.116") (L x W); Center-to-Center Hole Spacing: 14.3 mm (0.563")
44-Hole ColorCoil • Professional and on trend • Pages lie flat with 360° rotation • Permanently binds • Keeps shape with bounce back flexibility	• 1 44 C4 Coil; Round; 4 Holes per inch; Hole Size: 4.4 mm (0.174") Diameter; Center-to-Center Hole Spacing: 6.3 mm (0.2475")
21-Hole WireBind • High-tech look • Pages lie flat with 360° rotation • Permanently binds	▬ 1 21 W2 Wire; Rectangle; 2 Holes per inch, Hole Size: 6.4 mm x 5.4 mm; (0.250" x 0.214")(L x W); Center-to-Center Hole Spacing: 12.7 mm (0.500")
32-Hole WireBind • High-tech look • Pages lie flat with 360° rotation • Permanently binds	▪ 1 32 W3 Wire; Square; 3 Holes per inch, Hole Size: 4 mm x 4 mm; (0.156" x 0.156")(L x W); Center-to-Center Hole Spacing: 8.5 mm (0.333")
11-Hole VeloBind • Most secure style—permanently binds documents • Book-like finish • Great for filing, mailing	• • • • • • • • • • • 1 11 VB Velobind; Round; 1 Hole per inch; Hole Size: 3.2 mm (0.125") Diameter; Center-to-Center Hole Spacing: 25.4 mm (1")
32-Hole ProClick • Professional, upscale look • Fast and easy • Pages lie flat with 360° rotation • Zips and unzips for quick edits	▪ 1 32 W3 ProClick; Rectangle; Hole Size: 4.9 mm x 5.5 mm; (0.196" x 0.215")(L x W); Center-to-Center Hole Spacing: 8.5 mm (0.333")
3-Hole 3 Ring	● ● ● 1 3 3 Ring Binder; U.S. (Standard Looseleaf Patterns); Hole Size: 8 mm (0.316") Diameter

Additional dies can be purchased from your local Xerox Supplies Representative or by calling 1-800-822-2200

Die Punch Sets for A4 Size

Specification	Pattern / Description
21-Hole Punch CombBind (standard with punch module) • Conventional binding style • Pages lie flat • Editing capability with a machine	1 ... 21 PB Plastic Bind; Hole Size: 8 mm x 3.2 mm (0.315" x 0.126") (LxW); Centre-to-Centre Hole Spacing: 14.3 mm (0.563")
20-Hole Punch CombBind • Conventional binding style • Pages lie flat • Editing capability with a machine	1 ... 20 PB Plastic Bind; Australia Hole Size: 8 mm x 3.2 mm (0.315" x 0.126")(LxW) Centre-to-Centre Hole Spacing: 14.3 mm (0.563")
34-Hole Twin Loop™ Binding • Professional and on trend • Pages lie flat with 360° rotation • Permanently binds • Keeps shape with bounce back flexibility	1 ... 34 W 3 Wire; Round; 3 Holes per inch; Hole Size: 4 mm (0.158") Diameter; Centre-to-Centre Hole Spacing: 8.5 mm (0.335")
23-Hole Twin Loop Binding • Professional and on trend • Pages lie flat with 360° rotation • Permanently binds • Keeps shape with bounce back flexibility	1 ... 23 W 2 Wire; Round; 2 Holes per inch; Hole Size: 6.5 mm (0.256") Diameter; Centre-to-Centre Hole Spacing: 12.7 mm (0.5")
34-Hole Twin Loop Binding • High-tech look • Pages lie flat with 360° rotation • Permanently binds	1 ... 34 W 3 Wire; Square; Australia; 3 Holes per inch; Hole Size: 4 mm x 4 mm (0.158" x 0.158") (L x W) Centre-to-Centre Hole Spacing: 8.5 mm (0.335)"
23-Hole Twin Loop Binding • High-tech look • Pages lie flat with 360° rotation • Permanently binds	1 ... 23 W 2 Wire; Square; Australia; 2 Holes per inch; Hole Size: 6.4 mm x 5.5 mm (0.252" x 0.217") (L x W) Centre-to-Centre Hole Spacing 12.7 mm (0.5)
4-Hole Punch 4 Ring	1 ... 4 4 Ring Binder; European (Standard Loose-leaf Pattern); Hole Size: 8 mm (0.315") Diameter
2-Hole Punch 2 Ring	1 ... 2 2 Ring Binder; European (Loose-leaf Pattern), Hole Size: 8 mm (0.315") Diameter
12-Hole VeloBind® • Most secure style— permanently binds documents • Book-like finish • Great for filing, mailing	1 ... 12 V B VeloBind Round; 1 Hole per inch; Hole Size: 3.2 mm (0.126") Diameter; Centre-to-Centre Hole Spacing: 25.4 mm (1")
47-Hole Colour Coil™ Bind • Professional and on trend • Pages lie flat with 360° rotation • Permanently binds • Keeps shape with bounce back flexibility	1 ... 47 C4 Coil; Round; 4 Holes per inch; Hole Size: 4.5 mm (0.177") Diameter; Centre-to-Centre Hole Spacing: 6.3 mm (0.248")
34-Hole ProClick® • Professional, upscale look • Fast and easy • Pages lie flat with 360° rotation • Zips and unzips for quick edits	1 ... 34 PC ProClick; Rectangular; 3 Holes per inch, Hole size: 5.5 mm (0.217"H) x 5.0 mm (0.197"W), Centre-to-Centre 8.5 mm (0.335")

Additional dies can be purchased from your local Xerox Supplies Representative.

	Dies Available
US LTR	
497N00216	19-hole CombBind (Standard)
008R13066	19-hole CombBind
008R13072	3-hole
008R13067	44-hole Color Coil
008R13069	32-hole WireBind
008R13070	11-hole VeloBind
008R13071	32-hole ProClick
008R13068	21-hole WireBind
International A4	
498K19440	21-hole CombBind (Standard)
498K19340	20-hole Plastic CombBind
498K19370	34-hole Twin Loop (round hole)
498K19360	23-hole Twin Loop (round hole)
498K19390	34-hole Twin Loop
498K19380	23-hole Twin Loop
498K19430	4-hole Loose-leaf
498K19420	2-hole Loose-leaf
498K19400	12-hole Velo
498K19350	47-hole Colour Coil
498K19410	34-hole Pro Click

Note 1: Please check with your Sales Representative for current availability and lead time.

Note 2: Each die set has been treated with oil for protection. This new die set may cause an oil residue at the punch holes on the first 20 pages of output and each time you lubricate the die sets.

Note 3: It is recommended that the felt pad of the die set be oiled with light machine oil every 50,000 punches. Failure to do so may void the die set warranty.

- The GBC® AdvancedPunch™ only punches. Binding will be done offline. Binding options are available from www.xerox.com   (these include binding machines and the combs / coils to bind). Supplies for binding are available in different colors and diameters.

- The GBC® AdvancedPunch™ is positioned in the system after the Interface Module (IFM) and before other finishing devices.

- Paper sizes up to the limits of printer can pass through the GBC® AdvancedPunch™ bypass mode. Only A4 or Letter-sized paper may be punched.

- Stacking may be mis-aligned for jobs that contain tab stock. These jobs will require additional jogging before final finishing.

- Reduced stack quality may be experienced when stacking GBC output due to the variability of punch hole formation(s). Tab stock stack quality will be reduced due to tabs transported at trail edge and resting unevenly in Top and Stack Trays.

- GBC® AdvancedPunch does not work in conjunction with Z-fold, bi-fold, letter fold, multi-function finisher punch, staple, or booklet making. Due to their physical positions in the system, stock from the Post Process Inserter Tray cannot be run through the GBC. Also, stacking to booklet output tray or letter fold output tray is not permitted.

- This Optional GBC® AdvancedPunch™ contains a large waste container which holds the scrap punches. Up to three (3) additional Die Sets may be stored within the GBC® AdvancedPunch™.

- Please know that various Tab stocks have been tested and/or are available for order from xerox.com.

- When sending output to the stack tray of the HCS, if this stack height difference exceeds one inch, the machine will shut down and alert the operator to unload the stacker tray. This is done

to prevent a jam condition, and will result in a reduction of stack capacity dependent on the die in use. The tables below show the range of prints that can be run to the HCS stack tray using the different die types.

LTR Dies Description	Xerox Part Number (Reference)	Stack Capacity*
DIE, XEROX PB-19H, LTR (shipped with unit)	497N00216	800-1000
DIE, XEROX PB-19H, LTR	008R13066	800-1000
DIE, XEROX C4-44H, LTR	008R13067	1000-1400
DIE, XEROX W2-21H-SQ, LTR	008R13068	600-750
DIE, XEROX W3-32H-SQ, LTR	008R13069	800-1000
DIE, XEROX VB-11H, LTR	008R13070	4500-4700
DIE, XEROX PC-32H, LTR	008R13071	400-500
DIE, XEROX 3H, LTR	008R13072	5000
* Xerox Business 4200, 75gsm		

A4 Dies Description	Xerox Part Number (Reference)	Stack Capacity*
DIE, XEROX PB-20H, A4	498K19340	1000-1500
DIE, XEROX PB-21H, A4	498K19440	1600-2500
DIE, XEROX C4-47H, A4	498K19350	1400-1700
DIE, XEROX W2-23H-RND, A4	498K19360	600-800
DIE, XEROX W3-34H-RND, A4	498K19370	900-1050
DIE, XEROX W2-23H-SQ, A4	498K19380	600-900
DIE, XEROX W3-34H-SQ, A4	498K19390	500-700
DIE, XEROX VB-12H, A4	498K19400	4400-4700
DIE, XEROX PC-34H, A4	498K19410	400-550
DIE, XEROX 2H-8mm, A4	498K19420	5000
DIE, XEROX 4H-8mm, A4	498K19430	5000
* Xerox Business 4200, 75gsm		

2.12. Standard Finisher Plus

The Standard Finisher Plus provides the same functions as the Standard Finisher, although Stack Tray capacity is reduced from 3,000 sheets to a maximum of 2,000 sheets. The Standard Finisher Plus adds a Finishing Transport Module which enables connection to available third-party finishing solutions. A Standard Finisher cannot be upgraded to a Standard Finisher Plus.

2.13. Xerox Tape Binder

The Xerox Tape Binder creates bound books inline using a thermal adhesive tape to securely bind pages. It gives documents such as reports, proposals and manuals a professional appearance and a strong, flexible bind. The finished documents hold up to repeated use without cracking or pulling apart. The Tape Binder binds 8.5" x 11" or A4 documents of up to

125 pages 75 gsm, 250 images in duplex mode.The Tape Binder uses Xerox Tape Binder Strips which come in black, white, and dark blue. A single thermal adhesive strip produces durable tape binding without the need for stapling or stitching.The Tape Binder tray is capable of stacking finished books with a combined total of up to 1,500 80gsm sheets.The Xerox Tape Binder has bypass capability to allow other inline finishing devices to be connected downstream and also supports tabs and oversize covers.

2.14. GBC E Binder 200

Produce printed and bound documents at the touch of a button with the GBC eBinder 200 connected to Xerox printers. This automated solution enables stylishly bound 'lay-flat' and wrap-around books without the traditional costs of labor associated with mechanical binding. The Ellipse 200 bind element gives you the freedom of using a single bind element for many book sizes and continuous job processing. Xerox also offers the eBinder 200 Transparent 7 mil cover stock. The remarkable design of the eBinder enables the punching and binding of a largevariety of stocks, including covers and tabs up to 80 lb (216 gsm). The system's small footprint also makes it a solution that easily fits into any environment. This system punches and binds on the long edge of 8 ½" x 11" or A4 (210mm x297mm) letter documents. This product requires a Xerox Finishing Transport Module (FTM) or BFM Direct Connect for Nuvera and a Standard Finisher Plus for Color 800/1000. However, there are no die sets needed for production of bound documents.Use the eBinder one touch-button bypass option for a seamless workflow to other finishing devices without disconnecting components within the line.

2.15. Plockmatic Pro 30 Booklet Maker w/ RCT 30

The Plockmatic Pro30 Booklet Maker is a compact inline booklet maker capable of stapling, folding, facetrimming and square folding saddle-stitched booklets of up to 30 sheets (120 pages). The PlockmaticPro30 Booklet Maker is suited for customers whose booklet making needs will not exceed an average15,000 booklets per month.

The inline Pro30 can also be used as a walk-up device in offline mode.

Rotate Crease and Bleed Trimmer (RCT30) optional – The optional RCT30 adds rotation, creasing, and bleed trimming to folded booklets for a professional look. The trimmings are collected in a bin for easy emptying.

Booklet Maker (BM30) – The standard Pro30 configuration includes the Booklet Maker and output tray providing set compiling, stapling, folding and output tray stacking. The BM30 uses staple cartridges and has two staple heads.

Face Trimmer (TR30) optional – The Face Trimmer can be added to the BM30 for removing the shingle defect on the face of the finished document when multiple sheets are folded and provides a clean document edge. The trimmings are collected in a bin for easy emptying.

Square Folder (SQF30) optional – The Square Folder adds square folding to booklets for a professional look and printable spine. The SQF30 requires and attaches to the TR30.

Cover Feeder (CF30) optional – The Cover Feeder can be added to any configuration to enable using pre-printed covers. Pre-printed covers and printed square spines give booklets the appearance of a perfect bound book. The CF30 module fits within the standard covers of the BM30.

2.16. Data Security

- Secure Print
- Data Encryption (SSL/TLS)

2.17   Electrical Requirements*

- Print Engine:

    — 208–240 VAC, 60/50 Hz, 15/13 amp service
    — KVA Rating: Max Power Consumption: 2.8–3.1 KVA
    — Agency certification: Energy Star®, CSA, Europe: CE, NEMKO, RoHS, and WEEE compliance

- Optional Feeding/Finishing:

    — Each module requires 100 – 240 VAC, 60/50 Hz. Power

    * Refer to the Install Planning Document for installation details.

3.   Print Controllers

3.1. Integrated Copy/Print Server

Hardware Specifications

- 80 GB Hard disk drive, 2 GB RAM
- 10.4" color, touch screen flat panel display
- Ethernet interface (10 MBTX/sec , 100 MBTX/sec ,1Gbit MTX/Sec)

Client Environments Supported

- Windows 7.0
- Windows® 2000/XP and Vista
- Macintosh® OS 10.3.9 – 10.4.8
- Intel Mac 10.4.4 – 10.4.8, 10.5

Options

- High Compression PDF Kit
- Single pass Duplex Color Scanning
- Thumbnail Preview
- Automatic Meter Reads (where available)
- Extensible Interface Platform (EIP)

PDLs and Data Formats

- Adobe® PostScript® Level 3
- PDF
- PCL 5e and 6
- TIFF
- HPGL, HPGL2

Connectivity ~ Native network environments

- TCP/IP, SNMP, SMB, Novell® IPX, AppleTalk®, IPP
- Copy and Save to mailbox/folders
- Preview documents from mailbox before printing
- Mailbox backup and restore
- iPV6 Compliant

3.2. Optional Xerox® FreeFlow® Print Server

New Features

- FFPS 9.0
- Support for all new finishing
- Exception / Mixed Stock Pick Accelerators
- iPV6 Compliant
- STIGs Compliant

Hardware Specifications

- Dell Optiplex
- 4 GB memory
- 250 GB, SATA Hard Drive
- DVD Writer/CD Writer
- Color flat-panel monitor, keyboard and mouse

Client Environments Supported

- Windows 7 (32-bit and 64-bit) Windows® 2000 SP4/XP SP2 (32-bit and 64-bit)/2003 Server (32-bit and 64-bit)
  /Vista (32-bit and 64-bit)/Server 2008 (32-bit and 64-bit)
- Macintosh® OSX 10.3.9 or later

Options

- FreeFlow® Print Server Stand
- FreeFlow® VI Interpreter (VIPP™)
- LCDS enablement
- IPDS enablement
- Removable Hard Disk Drive
- Disk Overwrite

Connectivity

Native network environments

- TCP/IP, SNMP, Novell® IPX, AppleTalk®, IPP

*Note:

FreeFlow Application Suite (FFAS) is not yet validated or supported on Xerox® D95/95A/110/125 with or without DFA Finishing

3.3. Optional Xerox® EX Print Server, powered by Fiery®

Hardware Specifications

- IC,CPU,INTEL CORE2 DUO,E5300,2X2.6GHZ/ 800MHZ/2MB,65W,FC LGA775
- 2 GB Memory
- DRIVE,HDD,250GB,SATA,7200 RPM,ROHS
- DVD/CD-RW Slim Internal SATA drive

- Integrated Gigabit Ethernet Adapte

Software Support
- Fiery System 10
- Windows 7 Professional 64 Bit OS FES
- Command Workstation 5
- Single Net Drop Single IP Solution

New Features
- Full Tier 1 EIP v1.5
- Full Remote Services Data Pass Through
- APPE
- JDF Support
- Front USB Port, Power Button, and Reset Button for Ease of Access

Client Environments Supported

- Windows 7.0 (32-bit and 64-bit) Windows® 2000 SP4/XP SP2/3 (32-bit & 64-bit)/2003 Server (32-bit & 64-bit)/2008 Server (32-bit & 64-bit)
Windows Vista (32-bit & 64-bit)
- Macintosh® OSX (10.3 or later)
- Sun™/Linux/SGI Unix Printing via LPD

Xerox® EX Print Server, powered by Fiery® Optional Hardware/Software

- Fiery SeeQuence Compose
- Fiery SeeQuence Suite (Client Impose+Compose)
- FACI Kit (flat panel monitor, keyboard, mouse)
- FACI Furniture
- External Hard Disk Drive Security Kit
- FreeFlow® VI Interpreter (formerly VIPP)
- iPV6 compliant
- Cisco Gigabit Ethernet 5 Port Hub (10/100/1000)

4. Optimum Product Performance

This section will help you understand the performance and capabilities of the **Xerox® D110 Copier-Printer** and **Xerox® D125 Copier-Printer**.

All references to media capabilities in this document are based on centerline definitions of approved paper. "Centerline paper" identifies the stock at the middle of the range of stocks that will deliver optimum performance for a given characteristic. Other paper weights and brands may alter results.

4.1. Media information

Media Type	Xerox® Equivalent
Uncoated paper	North America - Xerox® 4200 (75 g/m^2/20 lbs) Europe – Xerox® Business 80 gsm
Coated paper	North America - Xerox® Digital Color Gloss Coated Text (120 g/m^2/80 lbs) Europe - Xerox® Digital Color Colotech Gloss Coated (120 g/m^2)

Please refer to your Xerox® Supplies Specialist for optimum media selections.

For more information about Xerox® Paper and Specialty Media, please visit at www.Xerox.com or call 1-800-822-2200 in the U.S. or 1-800-668-0199 in Canada.

4.2. Print Volume Range

This product family is designed for an average monthly print volume (AMPV):

Maximum Duty Cycle*	AMPV	Conditions
2 million pages per month	70,000 - 700,000 pages per month	8.5 in x 11 in/A4

* Maximum Duty Cycle refers to the maximum monthly print volume supported under standard vendor supplied service (single shift coverage) and defines the upper end of the expected print volume for the machine. This volume is not sustainable month over month but can be achieved occasionally for peak printing times.

Customers who consistently run volumes above the stated Average Monthly Print Volume (AMPV) should expect a significant change in machine reliability or performance. Customers should consider higher volume machines or multiple machines if average monthly volume approaches the maximum duty cycle on a consistent basis.

The number of prints between service calls will be dependent upon the following factors:

- Monthly output volume
- Throughput materials (paper)
- Environment (heat, humidity and ventilation)
- High toner density and area coverage
- Image quality requirements

5. Network Connectivity

The Integrated Copy Server on the product can perform scan-to-network operations only if the system provides its own connection to the network. This connection would be in addition to the network connection for the optional Xerox® FreeFlow® Print Server (formerly FreeFlow® DocuSP Server) or the Xerox® EX Print Server Powered by EFI Xerox® EX Print Server, powered by Fiery®.

6. Scanning and Copying

There are two methods of loading documents when copying with this copier/printer: via the document glass or the document feeder.

6.1. Document Glass (Platen)

On the document glass, you can place a single sheet, a book or other similar document up to 11 in. x 17 in. / A3 size paper.

When manually scanning on the document glass, only standard size documents can be detected automatically. For non-standard size documents, enter a custom size in the Original Size menu on the user interface.

6.2. Automatic Document Feeder

The document feeders on the scanner support single sheet and multiple sheet documents with sizes ranging from 5"x 8"/A5 to a maximum of 11"x17"/A3 size documents. The document feeders can auto-detect only

documents of standard sizes. For documents that are not a standard size, input the size in the "Original Size" menu on the User Interface.

	Document Glass	ADF
Sheet Weight and Capacity	N/A	16 lb Bond (52 gsm), 250 sheets -- to -- 110 lb Index (200 gsm), 100 sheets
Scan Size	Up to 11" x 17" / A3 Max: 297 mm x 432 mm	5" x 8" / A5 to 11" x 17" / A3 Size Min: 139 mm x 210 mm Max: 297 mm x 432 mm
Scan Resolution	200 / 300 / 400 / 600dpi 256 shades	
Scan Image File Format	TIFF PDF Multi-page TIFF JPEG	
Scan Services	Scan to Mailbox Mailbox to PC Scan to PC Scan to Folder Scan to E-mail Scan to FTP Scan to SMB Scan to High Compression PDF	

6.3. Scanner Input Documents

Document media that are not recommended for use in the Automatic Document Feeder include envelopes, metallic cover stock, transparencies, label stock, silver photographic paper, tab stock, NeverTear© (or other manufacturers' equivalent), coated stock and those substrates whose intrinsic characteristics limit or prevent the separation of documents with friction-retard feeding mechanisms without causing mis-feeds, multi-feeds, jams or document damage.

6.4. Scan Ahead

Scan ahead is limited only by available memory.   Test results have validated that the machine can successfully scan ahead in excess of 100 jobs.

Scan Speeds:

	D110/125	
Original Size	Simplex (ipm)	Duplex (ipm)
(A4) LEF	100	200
(A4) SEF	71	142
(A3) SEF	55	110
8.5 x 11 LEF	100	200
8.5 x 11 SEF	75	150
8.5 x 14 SEF	65	130
11 x 17 SEF	55	110

7. Limitations

The system will automatically clear its own paper path as much as possible, but the operator will need to manually reset the ordered stock. The optional Digital Front Ends/Print Servers for this Copier/Printer are capable of Tab Recovery in the event of a jam using tab media. For ordered stock (such as multi-part forms), this Copier/Printer does not automatically recover from jams. For specialized applications, contact the appropriate Xerox® representative for media, data and workflow information.

Custom media with cut-outs (windows) might not work with this copier/printer depending on the location of the cut-outs because they may interfere with sensors in the machine's paper path. Please check custom media with this product to ensure compatibility before committing to the application. This copier/printer cannot feed media with 6" x 1" die cut holes in the center of the page.

8. User Interface

The User Interface (UI) is a Xerox® branded application on an embedded controller. The display is mounted on the Copier/Printer and utilizes a combination touch-screen and keypad.

9. Media

Every effort has been made to ensure that this Copier/Printer supports a broad range of media. Keep in mind, however, that using only Xerox® recommended media maximizes reliability and paper-handling performance.

Certain types of Xerox® supplied specialty media have been approved to run in this Copier/Printer within certain guidelines.

Tabs	Carbonless
Preprinted offset	Coated paper
Transparencies	

9.1. Optimum Paper Weight per Type

Paper type	Paper weight (gsm)
Thin paper	52 - 63
Plain paper	64 - 105
Heavyweight paper1	106 -216
Heavyweight paper 2	217 - 253
Recycled paper	64 - 105
Used paper	64 - 105
Label paper1	105 - 176
Holed paper	64 - 105

Note 1: Maximum paper weight for auto duplexing is 216 gsm.
Note 2: The printer will run at less than rated speed while running heavy weight paper.

9.2. Coated Paper

This copier/printer is qualified to run certain types of coated paper within certain guidelines. In approved environmental conditions (humidity and temperature) and with the straightest paper path (Tray 6 of the Oversize High Capacity Feeder (OHCF), one-sided only, with output to the top tray or stacker), this copier/printer can reliably run coated paper within the range of 105 gsm to 253 gsm with no stapling, punching or folding.

Please note that the OHCF; optional 'oversize high capacity feeder' paper path, tray 6 is the preferred method of feeding coated stock.

- It is not recommended to run coated (pre-printed) stock from the Post Process Inserter Tray.
- Do not run in environment over 80 Degrees Fahrenheit, under 15 % humidity, or over 80 % humidity thus Image Quality degradation may occur with higher background level and loss of fine line definition. Please note that excessive paper jam may result under these conditions.

Within these guidelines (above) the following media have been tested:

- Digital Color Elite Silk Paper, 80 lb / 120gsm, 11x17
- Digital Color Elite Silk Paper, 100 lb / 140 gsm, 8.5x11
- Digital Color Elite Gloss, 80 lb / 120 gsm, 11x17 and 8.5x11
- Digital Color Elite Gloss, 100 lb / 140 gsm, 11x17 and 8.5x11
- Digital Color Select Gloss, 80 lb / 120 gsm text and 80lb/ 210gsm cover 11x17
- Digital Color Elite Silk Paper, 100 lb / 140 gsm, 11x17
- Digital Color Elite Silk Cover, 80 lb / 210 gsm, 8.5x11

9.3. Specialty Paper

The manufacturer, storage and quality of specialty paper will affect performance. For example, although this class of copier/printer can run preprinted offset media for overprint applications, the amount of coverage of the preprinted information will affect the reliability for the media to run though the paper path. Long runs with substandard input may result in increased jams and other unexpected results.

For further information and recommendations regarding media selection and handling, refer customers to their Xerox® Supplies Specialist.

- Typically, heavy weight papers exhibit increased variability of formation and surface smoothness, which may result in degraded image quality.
- Preprinted "shells" from offset printers negatively impacts reliability and image quality based on coverage and other factors.
- Manufacturers of coated stock do not recommend use of their media when the ambient relative humidity exceeds 60%.
- All paper stretches to a certain extent during printing. The amount of stretch is dependent on paper type and environmental conditions. Stretch is most noticeable on coated stocks. This stretch can affect front-to-back image registration.
- Image registration, image quality, and machine reliability can be adversely affected when custom-cut paper is inaccurately cut, is of poor quality, or loose paper fibers are present on the cut edges.
- Image registration, image quality, jam frequency and machine reliability can be adversely affected when punched or drilled paper is of poor quality and/or loose hole plugs are present in the ream.

9.4. Carbonless Stock

This copier/printer may run Xerox® brand collated carbonless stock, not to be confused with NCR-brand carbonless or non-collated carbonless which is not recommended because of reduced print quality results and negative impact to print reliability.

Note: When using NCR-brand carbonless or non-collated carbonless stock:

- reliability may decrease
- special technical representative cleaning procedures are required (not covered by FSMA and are thus, billable.)

Although this copier/printer is approved to run Xerox® brand collated carbonless stock applications, it is not recommended to do so extensively or exclusively.

For best results, please run Xerox® brand collated carbonless stock, fed from the optional Oversized High Capacity Feeder (OHCF). Please note that intermixing print jobs on regular Bond paper may also increase the reliability of printing on Xerox® Carbonless media.

9.5. Paper Tray Handling and Supported Paper Types

The following table defines standard paper that is recognized by the Integrated Copy and Print Server, regardless of which feeding tray the media comes from. Specific tray specifications are available on the product specifications sheet.

Note: Automatic detection is not available for Tray 5; the bypass tray.

Automatically Recognized Standard Paper sizes	Setting direction	Size (mm)
A5	SEF	148.0 x 210.0
B5	LEF	257.0 x 182.0
7.25x10.5 (Executive)*	LEF	266.7 x 184.2
A4	SEF	210.0 x 297.0
A4	LEF	297.0 x 210.0
8.0x10	LEF	254.0 x 203.2
8.5x11	SEF	215.9 x 279.4
8.5x11	LEF	279.4 x 215.9
8.5x13	SEF	215.9 x 330.2
8.5x14	SEF	215.9 x 355.6
B4	SEF	257.0 x 364.0
16-kai(TFK)*	LEF	267.0 x 194.0
16-kai(GCO)*	LEF	270.0 x 195.0
8-kai(TFX)**	SEF	267.0 x 388.0
8-kai(GCO)**	SEF	270.0 x 390.0
A3	SEF	297.0 x 420.0
11x17	SEF	279.4 x 431.8
12x18	SEF	304.8 x 457.2
12.6x17.7	SEF	320.0 x 450.0
12.6x19.2	SEF	320.0 x 488.0
13x18	SEF	330.2 x 457.2
13x19	SEF	330.2 x 482.6
custom		
custom		
custom		

*   7.25"x10.5"/16-kai (TFK)/16-kai(GCO) to be switched with NVM
**   8-kaiTFX/8-kai (GCO) to be switched with NVM

Note: Custom paper sizes minimums and maximums: 4" x 6"/102mm x 152mm to 13" x 19.2"/330mm x 488mm

Note 2: Paper curl may trigger the stacker-full sensor. Paper curl is depended on paper type/weight, job type, and/or environment. A customer adjustable curler setting on the interface module may be required to allow for paper curl.

10. Image Size, Print Area and Registration

The maximum image area this family of Copier/Printer can create is 12 in. x 18.9 in. (305 mm x 480 mm)

The standard area that can be printed leaves a margin of 4.1 mm on all four edges of the paper (for 11" x 17", SRA3, 320 mm wide). The actual printing area may vary depending on the printer (plotter) control language.

- ±0.76mm (±1mm) front to back lead registration
- ±0.72mm (±1mm) front to back side registration
- Customer adjustable

The rated speed for the **Xerox**® **D110 Copier-Printer** and **Xerox**® **D125 Copier-Printer** are 110 and 125 pages per minute, respectively. These speeds are achievable in optimum conditions using Letter/A4 sized media, long edge feed, and discounting startup delays like warm-up time and time to clear the paper path. Use of finishing features, multiple paper trays and other factors affect the productivity of all printing devices to some degree.

The output speed of a print job is affected by:

- Use of finishers and finishing features (e.g., stapling, hole punch, folding, and Booklet Maker will slow down print speed)
- Job length
- Using the Bypass Tray or High Capacity Feeder
- Single-sided versus two-sided job
- The time it takes to RIP a job based on the type of PDL
- Other factors outside the control of the product

11.1. Print Speed-

Print per Minute (PPM) of the print engine using a common configuration is defined as below.

Timing of throughput is measured with one original by the time taken after the trail edge of the 1st sheet is fed until the trail edge of the 11th sheet is output to the top tray. Throughput is measured using the system trays (1,2,3,4) and the High Capacity Feeder (HCF) Option (6,7) with output to the top tray.

Paper Size	125 ppm Simplex	125 ppm Duplex [3]	110 ppm Simplex	110 ppm Duplex [3]
B5 LEF	125	125	116	105
A4 LEF / 8.5x11 LEF	125	125	110	100 [2]
B5 SEF / A4 SEF / 8.5x11 SEF [1]	88	80 [2]	78	70 [2]
B4 SEF / 8.5x14 / 8.5x13 SEF [1]	78	70 [2]	69	69
A3 SEF / 11x17 SEF [1]	62	62	55	55
12 x 18 SEF / 12 x 19.2 SEF [1]	34	34	34	34

Note 1: Only Tray 3, Tray 4 or Oversized High Capacity Feeder (OHCF) may be used.
Note 2: For second output sheet onward, IPM (Impressions Per Minute) is equal to the CPM
    (Copies Per Minute) in simplex printing.
Note 3: IPM: Impression per Minutes

Automatic Tray Switching (Load-While-Run)
The paper trays support Load-While-Run operation. If a tray in operation runs out of stock, and another tray with the same programmed stock is available and loaded, the system will automatically switch to the new tray when the first runs out. The operator may then open the empty tray and reload it without the system stopping.

12. Image Quality

Image quality perception is subjective and will be affected by ambient lighting conditions.

- Like other reproduction processes, there will be some variation of output quality over time. For example: long runs, with high area coverage. Factors contributing to this can include frequency of service and xerographic components.
- Image quality is strongly influenced by paper surface structure, texture, and color. To ensure that your customers are optimally satisfied, key applications should be printed using representative paper and reviewed by the customer.
- The surface texture of some uncoated papers may cause increased graininess in halftone areas printed with toner. This effect may be minimized by using smooth or coated papers (refer to the Recommended Materials List).
- Sheets of a job may exhibit slight gloss differential and oil streaks from page to page. Operational mode will have an impact on the level of gloss differential.
- Prints may exhibit random white spots caused by paper dust, stray developer beads, or other miscellaneous particles. You can reduce the occurrence of white spots by using Xerox® approved paper. If customers are cutting their own paper, ensure that cut edges are dust free, and keep the machine in a clean and dust/dirt reduced environment. Failure to do this will result in increased frequency of white spots.
- As with any printing process, artifacts will occur. These include streaks, mottle, banding, spots, etc. For most jobs and clients, the expected level of artifacts is within the normal operational and component quality ranges of the system and will not affect the acceptability of the job. Maintenance procedures are available to mitigate these artifacts. Random artifacts will occur. Artifact-sensitive jobs should be monitored. Using products on the recommended by your Xerox® Supplies Specialist and maintaining your environment will also help to minimize the occurrence of these artifacts.
- Environmental factors such as very high or very low humidity effects image quality. See the Environmental Requirements section of this document for guidelines.

13. Billing meters and accounting

The product provides accurate billing of all prints through the electronic billing meter within the printer system. There is no mechanical meter on the printer system. Meters can be accessed and read from the user interface on the printer.

Customers may have the option to access Automatic Meter reads (AMR); where available.

The electronic billing meter is able to track copy (hardcopy) input, scan, and print jobs.

Depending on the application, some blank pages used for duplex printing may be counted for metering purposes. Paper run through the post process inserter will not increment the billing meter.

The internal accounting system is able to track large sized media (11x17/A3) separately from Letter/A4 sized media.

14.1. Total Impressions

 - Black Impressions
-- Black Copied Impressions
-- Black Printed Impressions

14.2. Large Impressions

 - Black Large Impressions

14.3. Sheet Counters

Copied Sheets
      - Black Copied Sheets

14.4. Printed Sheets

- Black Printed Sheets

2 Sided Sheets
       - Copied 2 Sided Sheets
      -- Black Copied 2 Sided Sheets

- Printed 2 Sided Sheets
      -- Black Printed 2 Sided Sheets

Black Copied Large Sheets
Black Printed Large Sheets

Note: Third Party Software Application(s) supported through the Foreign Interface Device (optional)

15. Images Sent

E-mail Images Sent

Network Scanning Images Sent

The user can select "All Usage Counters" to view all of the above meters on one screen.

User accounts can be set up for specific users.

Meters will register out to 8 digits (10's of millions).

All directions for using the billing features are provided in the User Guide and Admin guide.
Foreign Interface Device (FID)
In addition to the accounting feature, a Foreign Interface Device (FID) is an option that enables a third party device to perform external electronic accounting functions. When the FID is installed on the copier/printer by a Customer Service Representative and enabled, the copier/printer will not function until an account number is entered.

NOTE: Print jobs from external controllers, like the Xerox® FreeFlow® Print Server or EFI Xerox® EX Print Server, powered by Fiery® print controller are not tracked via accounting applications connected to the Foreign Interface

Device. However the onboard billing meter (described above) can provide a count of prints regardless of the source. Also, the FreeFlow® Print Server has the ability to export accounting files for use in other accounting applications.

Scan operations are not exported to accounting applications via the FID.

16. Integration with Color (Insertion of Color Pages)

Output from color xerographic printers should not be run through the printing path (fuser) of this family of Copier/Printers. However, the prints can be used with the Post Process Inserter which bypasses the fuser.

If you plan to run prints through this family of Copier/Printers from other printing equipment, it is highly recommended you test the application before committing to the job. Many factors (operating temperature of the fuser, fuser oils, fix-reaction of toner/inks) impact the success of running these types of "overprint" applications.

17. Recommended Supplies

The consumable supplies designed for this copier/printer are engineered specifically for use in this product and provide the highest and most consistent image quality, maximum productivity and up time. These consumable supplies are designed with several replaceable units, which are replaced as needed by Xerox® Customer Service Engineers for ERUs and by customers for CRUs.

Refer to the product documentation or www.xerox.com for part numbers for this copier/printer.

NOTE: All yield estimates are based on 6% area coverage at standardized conditions using 8.5 in x 11in /A4 Xerox® 20 lb bond (75 gsm) stock. Actual yields vary greatly depending on area coverage, paper stock, and image quality control settings. Copy jobs versus print jobs can also affect yield estimates. Toner Cartridge yield per bottle will vary depending on area coverage density setting, paper size, and environmental factors such as temperature and humidity.

17.1. Customer Replaceable Units (CRUs)/supplies

This copier/printer user interface will display a message indicating when it is time to replace a CRU.

CRU	Part Number	Qty per Box	Yield Estimate
Toner Cartridge	6R01561	1	65,000 prints[1]
Waste Toner Container	8R13036	1	210,000 prints
Staple Cartridge - 100 Sheet Capacity	comes installed		Filled with one 5,000 staple cartridge
Staple Cartridge Refill (includes the Staple Waste Container)	8R13029 or 8R13041	5,000 staples x 4 sets plus staple waste container	
For Booklet Finisher only: Booklet Staples Refill	8R12925	5,000 staples x 4 sets	
Fuser Cleaning Cartridge	8R13085	1	500,000 prints

[1] Assuming 6% Average Area Coverage for 8.5x11/A4 paper sizes

Note: Fuser Web CRU 108R00828 may replace 008R13000
Recycled CRU 641S00499 may replace 641S00034

17.2. Service Engineer Replaceable Units (ERUs)

In addition to customer consumables, the product is designed with a drum cartridge that is ordered and installed by Xerox® Customer Service Engineers. A message displayed on the machine will indicate when it is time to replace an ERU.

Service Engineers Replaceable Units (ERUs); yield estimates may vary based on paper size

ERU	Part Number	Qty per Box	Yield Estimate
Drum Cartridge	13R00666	1	500,000 prints

17.3. Additional Service Support

Xerox® remote services support is available for this copier/printer at this time. For qualified customers, Xerox® Productivity Plus is available. This is designed to improve system reliability and uptime, thereby improving overall productivity. Through the XPP Program, Xerox® provides the customer with the supplies, documentation, support, and operator training required to perform various diagnostics, routine maintenance tasks, and some repairs which formerly had to be completed by Xerox Service. Please ask your Xerox® Service Technician for more information.

17.4. Disposal process

Empty dry ink containers and waste containers are safe and approved for local recycling with common commercially used plastics. Empty dry ink containers or waste containers must not be disposed in or set near fire. All Toner Waste Bottles include a prepaid return shipping label, plastic bag and tie in the box. This is the preferred method of disposal. For more information refer to the Online Supplies Ordering / Cartridge Recycling Program at www.xerox.com

18. Options

18.1. Feeding and Finishing

- High Capacity Feeder (2 TRAY) (HCF)
- Oversized High Capacity Feeder (1 TRAY) (OHCF)
- Oversized High Capacity Feeder (2 TRAY) (OHCF)
- Interface Module
- GBC® AdvancedPunch™
- High Capacity Stacker with rollaway cart
- Standard Finisher
- Booklet Maker Finisher
- Xerox® SquareFold® Trimmer (Option for the Booklet Maker Finisher Only)
- Folder Module for either Finisher (C/Z fold & Engineering Z fold)
- Standard Finisher Plus
- Xerox Tape Binder (Gradco)
- GBC E-Binder 200
- Plockmatic Pro 30 Booklet Maker

Other Accessories and Kits

- Job Based Accounting (JBA) Kit - allows 3rd party software packages to extract certain accounting information (data) from the Xerox 41XX. This kit is enabled by the CSE via a software key. This new feature enables job data from the internal auditron to be pulled over the network connection to an external workstation where it can be processed by a third-party application for accounting purposes. The following solutions have been verified to be compatible with the Xerox 41XX:

  - Omtool AccuRoute
  - Verity Teleforms
  - Captaris SecureDocs/Certified Delivery
  - IProTech Label+
  - RSA Qdirect.EDU
  - EFI SendMe
  - Xerox SAP PCL and PS device types
  - Xerox SAP R/3 Postscript Intelligent Barcode Printing Solutions (IBU)

- Text Searchable / High Compression PDF Scan Kit - an optional accessory for the Xerox® D110/D125 Copier-Printers. It contains hardware (memory chip) and software that expands the capabilities of the standard scanning features like scan to email, scan to pdf, scan to ftp, etc. These new features/functions within the PDF Scan are: High Compression Scanning, Searchable Text PDFs

- Secure Watermark Kit – this feature is designed to provide security management of paper documents by embedding job deterrence information into your paper document. This information may include; job type, date and time of job start, User information, Document name, and other such related information. A digital code is put onto your copies in order to prevent unauthorized ecopying/printing of sensitive materials.

- Thumbnail Preview/Extensible Interface Platform (EIP) - See a thumbnail view of your copy/scan job right at the touch screen. Allows you to merge jobs and delete unwanted pages. EIP software platform enables you to shape our copier/printer to fit the way you work. Using standard web-based tools, your developers can quickly build and access applications that can be customized for the user interface like the Xerox Secure Access Unified ID System™.

  Note:
  The D110/D125 Copier-Printer is now E IP 1.5 enabled: For EIP details please refer to the following link on Xerox.com
  http://www.office.xerox.com/eip/enus.html

- Foreign Interface Device (FID)
- Removable Hard Disk Drive (RHD)

18.2.   Option: Mobility Plate Kit

Mobility/floor plate information:
Mobility (floor) plates must be installed in the areas where the floor has any type
of carpeting or in on a surface that restricts the movements of the machine.
These areas include the following conditions:
• Carpeted floors
• Uneven floors - the floor under the press (and any optional accessories) must
meet the flatness/levelness specifications as previously discussed earlier in
this chapter.
• Floors with rough surfaces, such as damaged concrete or damaged wooden
floors

• Ceramic-tiled floors (Mobility/floor plates may not be required for some ceramic-tiled floors; work with the Xerox personnel to determine whether or not mobility/floor plates should be used)
• In areas where the surface restricts the movement of the machine
Mobility plates also may be used in situations where the weight of machine is distributed over a larger area versus the point loads associated with the casters.
Note:
Mobility/floor plates do not provide a smaller space envelope, nor do they allow for movement of the base machine modules (print engine, left and right) for serviceability.

19. Option: FreeFlow® Print Server

The optional, FreeFlow® Print Server provides the following features:

- Unmatched processing speed
- Simultaneous Spool/RIP/Print of files
- One Print Queue for out-of-the-box functionality
- Exception Page Programming
- Flexible Data Security
- Remote workflow and system administration
- Tab integrity (auto-purge and Tab Recovery)
- Reprint-on-Demand
- Monitor, Keyboard and Mouse

19.1. Product Recycling and Disposal

Xerox® operates a worldwide equipment take back and reuse/recycle program. Contact your Xerox® sales representative (1-800-ASK-XEROX) to determine whether this Xerox® product is part of the program. For more information about Xerox® environmental programs, please visit: www.xerox.com/environment.

Note: This product meets the RoHS standards (Removal of Hazardous Substances) required for products being installed in the European Union.

Running Antivirus Software

While installing anti-virus software is not prohibited, Xerox has not tested anti-virus applications for the Sun/Solaris Operating System with the FreeFlow® Print Server, their effectiveness or possible impact to productivity and reliability. The Solaris 10 Operating System is one of the most secure operating system earning the Common Criteria Certification of security assurance, rated at EAL 4+. Oracle/Sun is constantly evaluating security vulnerability research reports and releasing patches quickly to ensure Solaris remains secure from attackers. Of note there are few commercial Anti-virus products available for Solaris.

The few Anti-virus software products that are available for Solaris typically focus on detecting Microsoft-targeted viruses that are received via email. The FreeFlow® Print Server has disabled Email services by default. Therefore, software that protects against incoming mail viruses is not required. The server also does not send email by default, and thus is not a source of virus propagation. To effectively stop the spread of virus software that might conceivably be introduced into PRINT SERVER via removable media or USB drives, the System Administrator may disable these points of access.

If a customer decides to install an anti-virus product on FreeFlow® PRINT SERVER, they are responsible for maintaining updates to the product. If system reliability and performance issues are subsequently reported, Xerox will request the product be removed and the problem replicated, before attempting to diagnose or troubleshoot the problem.

19.2. Security

The customer is responsible for assessing the security risk for their environment and defining appropriate mitigation that may include changes to the default settings of the Xerox equipment or standard operating processes. Xerox understands the importance of maintaining a secure network environment and recommends that customers change the default "built-in" passwords and modify the security-related configuration options to satisfy their site-specific security requirements upon completion of system installation. Xerox is committed to helping the customer keep the print server secure and compliant with the latest security requirements. This is managed via a Security Audit Process

For more guidance on implementing security see http://www.xerox.com/security

Xerox monitors alerts announcing new Security vulnerabilities. These alerts are evaluated for impacts to the system and software. All patches applicable to the print server products are prioritized based on severity, system tested, and integrated into System Problem Action Report (SPAR) releases.

SPAR updates will be installed on your Print Server by Xerox Service. Please contact your support Analyst or the Xerox Welcome Center for information on the applicability and availability of security patches. The system cannot be patched or upgraded while operating/printing

19.3. Non-standard Paper Size Support

This system supports non-standard paper sizes. However, due to rounding and unit-conversions that occur in the client applications, print server, and printer, some mismatch may occur between the paper size entered at the application, and the paper size that must be entered at the printer. The operator may need to adjust the entered paper dimensions by up to 0.1 in (2.5 mm) in order for the printer to detect that the requested paper size has been loaded. In addition, the printer interprets some paper sizes included in the PPD as non-standard sizes.

19.4. Customer Service and Support

Periodically, Xerox will make available bug fixes and other software releases. Some of these bug fixes and upgrades are designed to be customer installable. DVDs with patches can be obtained by calling the Xerox Hotline Support Centre.

19.5. Software Replacement

If lost, or misplaced, replacement software and documentation is available to be purchased. For the United States you can access through Software Services web site http://www.xdss.com . If you reside outside the United States, kindly work with your local Xerox® Supplies Specialist. Xerox® personnel may not be able to provide services unless these materials are available.

19.6. Print File Creation

There are several factors that effect the creation of a proper output file. These variations can have a negative impact on processing time. It is always best to create a file with flattened images. Images that are placed at there appropriate angle, size and screening prior to being implemented in a design program. Always refer to a design guide for advice. Xerox® offers two literatures as guidelines to help you and your customers. They are *The Art & Science of Digital Printing, The Parsons Guide to Getting it Right*, and *The Xerox® Job Preparation Guide for Designers*. These items are part of the Xerox® Profit Accelerator Program.

PDF (Portable Document File) are a standard in today's industry. The same variations that can slow your production for a native file apply to PDFs as well. It is always best to optimize the PDF by flattening any layers. Always read the full documentation and understand how PDFs affect color paths with the print engine. Adobe has several literatures available on PDF creation such as **How to Create the Perfect PDF**, and **Designer's Guide to Transparency for Print Output**. These documents are downloadable from Adobe's web site at http://www.adobe.com/studio/print/.

19.7. Licenses

The Xerox® FreeFlow® Print Server has the following licensable features. These features may come standard or have an associated price with it depending on your geographical region.

- AppleTalk Gateway
- CID Fonts
- Diagnostics
- Diagnostics with Productivity Tools
- NetWare Gateway
- PCL Decomposer
- PostScript Decomposer
- TIFF Decomposer
- Time and Materials Diagnostics
- VIPP*
- PPML
- IPDS*

The Service Technician will activate your selections by supplying the license string, expiration date, and print engine serial number.

* The VIPP and IPDS features have a fee associated with the licenses.

19.8. File Formats

The following file formats are supported:

- PostScript level 1, 2, or 3 per the PostScript language Reference Manual Supplement v3017

- Adobe Portable Document Format version up to 1.8 (Acrobat 9). Adobe job ticketing is not supported. Unique Acrobat 8 features that are not print commands are not supported

- PDF/X-1a, PDF/X-3 and PDF/X-4 (using Native PDF Interpreter)

- Optimized PostScript

- EPS

- TIFF v6.0, native and multi-page. TIFF-IT is not supported

- PCL5c, PCL5e, and PCL6XL class 2.1 (HP LaserJet 4500 emulation). PCL jobs should be tested prior to making system productivity and capability commitments. PCL does not support the full range of FreeFlow® Print Server features, in particular, page exception programming, stock management, and finishing

- ASCII (ANSI X3.4-1986)

- Jobs that have been RIPped (Fast Reprint Format – FRF)

- Intelligent Print Data Stream (IPDS), license required

- Xerox Variable-data Intelligent PostScript Printware (VIPP); license required

- Personalized Print Markup Language (PPML) Version 2.1 Graphic Arts subset

- Jobs submitted from Xerox FreeFlow® Workflow Offerings

- IPDS – See separate IPDS Customer Expectations Document

- Compatible with Xerox FreeFlow Variable Information Suite Version 8.0

19.9. Variable Information

If a customer is successfully running a Xerox® VIPP (Variable data Intelligent PostScript Printware) workflow, it will work similarly across the Xerox® production printer line when using the Xerox® FreeFlow® Print Server. The same Xerox® infrastructure in place today will support existing applications on the Xerox® FreeFlow® Print Server version 9.0.

Variable information is a very complex subject. Many variables exists that impact a file. File creation, emitters, PostScript code, type of server, are just a few of the things that will affect Variable Code. It is always in the best interest to test a file prior to gain an understanding of any possible issues in the workflow. A Xerox® Analyst can help in the process and there is always opportunity for a customer to correct and develop an efficient workflow to gain the best throughput.

19.10.   IPDS

Intelligent Printer Data Stream (IPDS) is IBM's Systems Application Architecture host-to-printer data stream for Advanced Function Presentation subsystems. It provides an attachment-independent interface for controlling and managing all-points-addressable (APA) printers that allow the presentation of pages containing an unlimited mixture of different data types, including text, image, graphics, bar code, and object container. It is used by a variety of print servers that drive all-points-addressable (APA) page printers. Generally these printers are at the medium to high end of the print speed and volume spectrum.

19.11.   Network Specifications

The Xerox® FreeFlow® Print Server version 9.0 uses the following protocols and frame types:

- Microsoft® Windows® printer drivers with Dynamic tray and Status reporting
- Macintosh® OS 10.5/10.6 full feature drivers
- Adobe® PostScript® Printers Descriptions (PPD)
- HTTP and HTTPS browser submission support
- FreeFlow Print Manager (FFPM optional) support
- Windows® 2000/XP, Vista, Windows 7 and Windows 8 full-featured drivers
- **Xerox® D110™/D125™ Printer** will be IPv6 compatible.

19.12.   Printing Services

The Xerox® FreeFlow® Print Server supports the following printing services:

- IPP for job submission, job status, and print engine status. Compatible with Apple's Common Unix Printing System (CUPS)

- LPD (Line Printer Daemon)—Allows printing in TCP/IP networks using an LPR client and supporting RFC 1179, the Berkeley LPR protocol.

- Raw printing supports direct socket interface via port 9100

- PAP (Printer Access Protocol)—Allows printing in legacy AppleTalk networks

- SMB (NetBIOS) file sharing over TCP/IP and IPX

- NFS file sharing

19.13. Client Specifications Macintosh

- G4 Power Macintosh or better is strongly recommended.
- Operating system: 10.3 or higher.
- Protocols: AppleTalk, TCP/IP
- Recommended memory: A minimum of 512 MB is recommended.

19.14 Client Specifications PC

- Required platform: PC platform capable of running supported operating system.
- Operating system: Windows 7, Windows Vista, Vista 64-bit, XP, 2000
- Protocols: TCP/IP, NetBEUI.
- Recommended memory: Operating system dependent, e.g., Windows XP, 256 MB minimum to print.

19.14. Client Specifications UNIX

- A workstation with standard TCP/IP connectivity.
- TCP/IP printing software that conforms to RFC1179 (Berkeley lpd protocol).

19.15. PPDs and Print Drivers

PPDs are provided for Windows 7, Windows 2000, XP and Vista and for Apple Macintosh.

20. Option: Xerox® EX Print Server, powered by Fiery®

The Xerox® EX Print Server powered by the Fiery® for the **Xerox® D110/ D125** Copier-Printer

20.1. Surge Protection

Xerox® recommends protecting the Xerox® EX Print Server from surges or spikes in electrical power that can damage the server and result in extended downtime. In areas that tend to experience brownouts or blackouts with more frequency, installation of an Uninterruptible Power Supply (UPS) is suggested. This protection is the responsibility of the customer.

20.2. Microsoft Windows X7 Professional Certificate of Authenticity (COA)

Microsoft Windows 7 Professional License is part of the Xerox® EX Print Server. Every Xerox® EX Print Server includes a "System Software" DVD1, a OS SW DVD2, an OS SW DVD3, a "User Software" DVD4 and a "User Documentation" CD. It also includes an individual Windows 7 Professional Certificate of Authenticity (COA) license number that is preprinted on a label placed on the back cover of the Xerox® EX Print Server. It is the responsibility of the customer to place the booklet and all software DVD/CDs in a secure, but accessible area. The System Software DVD and User Software DVD are required when performing a "complete" Xerox® EX Print Server software installation. The Xerox® Service Representative will use the DVDs in case a full system software re-installation is recommended.
.

Note: If the license is lost or misplaced, the customer will be required to purchase a replacement license at his or her own expense.

20.3. System Power Saver Mode

The Xerox® D110/ D125 Copier-Printer system is installed with a power saver feature that will automatically shut off the machine power if no print data or other operation is received for a specified period. When the

printers are in power saver mode, power to the control panel and fuser unit is reduced to save energy. The display will turn off but the Power Saver button on the control panel will be lit indicating the machine is in Power Saver mode.

The Power Saver feature includes two modes:

- Low Power mode: Power consumption is reduced to approximately 120 watts. It will take about 45 seconds to warm up the printers when exiting Low Power mode.
- Sleep mode: Power consumption is reduced approximately 13 watts. It will take about 5 minutes to warm up the printers when exiting Sleep mode.

The intervals for Low Power mode and Sleep mode may be set and specified in 1 minute increments, from 1 to 240 minutes.

A surge protector is strongly recommended for the network controller installation. This should be provided by the customer.

20.4. Product Recycling and Disposal

Xerox® operates a worldwide equipment take back and reuse/recycle program. Contact your Xerox® sales representative (1-800-ASK-XEROX) to determine whether this Xerox® product is part of the program. For more information about Xerox® environmental programs, visit www.xerox.com/environment.

Note: This product meets the RoHS standards (removable of hazardous substances) required for products being installed in the European Union.

Note: Power Cords for the DFE/Print Server are approximately 6.0 feet (1.8 meters). The outbound video cable to the print engines is approximately 9.8 feet (3 meters).

20.5. Running Antivirus Software

The Xerox® EX Print Server has not provided testing on any specific anti-virus software. One should refer to the user documentation on how best to choose appropriate antivirus software and what settings should or should not be enabled on the Xerox® EX Print Server.

Commercially available software programs (with the exception of Virus Protection Software) should not be loaded onto the server. Additional programs will limit the available disk space the server requires to operate efficiently.

20.6. Xerox® EX Print Security

Security threats are defined as issues that compromise the integrity of the system, hampering the integrity of job data, compromising secured feature access, or allowing unauthorized data access. The Xerox® EX Print Server recommends installation of network devices is done in accordance with existing security paradigms. The Xerox® EX Print Server has incorporated security features into its controllers. To create a more secure network environment, end-users will need to combine the Xerox® EX Print Server security features with other security safeguards.

20.7. Non-standard Paper Size Support

The copier/printer system supports non-standard paper sizes. However, due to rounding and unit-conversions that occur in the client applications, Xerox® EX Print Server and printer, some mismatch may occur between the paper size entered at the application, and the paper size that must be entered at the printer. The operator may need to adjust the entered paper dimensions by up to 0.1 in (2.5 mm) in order for the printer to detect that the requested paper size has been loaded. In addition, the printer interprets some paper sizes included in the PPD as non-standard sizes.

20.8. Software Replacement

If lost, or misplaced, replacement software and documentation is available to be purchased. For the United States you can access through Software Services web site www.xdss.com. If you reside outside the United States, kindly work with your local Xerox® Supplies Specialist. Xerox® personnel may not be able to provide services unless these materials are available.

20.9. Print File Creation

There are several factors that affect the creation of a proper output file. These variations can have a negative impact on processing time. It is always best to create a file with flattened images. Always refer to a design guide for advice. Xerox® offers two literatures as guidelines to help you and your customers. They are The Art & Science of Digital Printing, The Parsons Guide to Getting it Right, and The Xerox® Job Preparation Guide for Designers. These items are part of the Xerox® Profit Accelerator Program.

PDF (Portable Document File) are a standard in today's industry. The same variations that can slow your production for a native file apply to PDFs as well. It is always best to optimize the PDF by flattening any layers. Always read the full documentation and understand how PDFs affect print paths with the copier/printer. Adobe has several literatures available on PDF creation such as How to Create the Perfect PDF, and Designer's Guide to Transparency for Print Output. These documents are downloadable from Adobe's web site at www.adobe.com/studio/print/.

20.10. File Formats

The following file formats are supported:

- PostScript level 1, 2, or 3 per the PostScript language Reference Manual Supplement v3017.
- Adobe Portable Document Format version up to 1.7 (Acrobat 8).
- TIFF
- Jobs that have been RIPped
- Xerox® Variable-data Intelligent PostScript Printware (VIPP); license required
- Personalized Print Markup Language (PPML) Version 2.1
- Jobs submitted from Xerox® FreeFlow® Workflow Offerings.
- Microsoft Native Formats (DOC, XLS, PUB, PPT) enabled through Xerox® EX Print Server, powered by Fiery® Hot Folders feature -- (Not available on Mac OS)

20.11. Variable Information

If a customer is successfully running a Xerox® VIPP (Variable data Intelligent PostScript Printware) workflow, it will work similarly across the Xerox® copier/printer line when using the Xerox® EX Print Server. The same Xerox® infrastructure in place today will support existing applications on the Xerox® EX Print Server.

Variable information is a very complex subject. Many variables exists that impact a file. File creation, emitters, PostScript code and type of server, are just a few of the things that will affect Variable Code. It is advisable to test a file to gain an understanding of any possible issues in the workflow. A Xerox® Analyst can help in the process and there is always opportunity for a customer to correct and develop an efficient workflow to gain the best throughput.

20.12. Network Specifications

The Xerox® EX Print Server version uses the following protocols and frame types:

- Microsoft® Windows® WHQL (Windows Hardware Quality Labs) printer drivers with Dynamic tray and Status reporting (WHQL certification is available from www.xerox.com post launch)
- Macintosh® OS 10.3 and above full feature drivers
- Adobe® PostScript® Printers Descriptions (PPD)
- HTTP and HTTPS browser submission support
- FreeFlow® Print Manager support

- Microsoft Windows 7, 2000, 2003, XP and Vista full-featured drivers

20.13. Printing Services

The Xerox® EX Print Server supports the following printing services:

- LPD (Line Printer Daemon) — Allows printing in TCP/IP networks using an LPR client and supporting RFC 1179, the Berkeley LPR protocol. Supports direct socket interface via port 9100.
- PAP (Printer Access Protocol)— Allows printing in AppleTalk networks.
- NetBIOS printing and file sharing over TCP/IP
- NFS file sharing
- SMB (Server Message Block) — Allows printing in Windows networks over TCP/ IP.
- Port 9100 — Supports direct socket interface through direct, print and hold queues.
  Note: Disabling the Port 9100 service also disables the associated IP ports
- FTP Printing —Supports printing from an FTP client to the Xerox® EX Print Server, powered by Fiery®.

- IPP Support — Internet Printing Protocol (IPP) is an application level protocol that can be used for distributed printing using Internet tools and technologies. This would allow end-user to print to a remote printer on the Internet, as if it were attached to its local area network, by specifying the URL. IPP uses HTTP protocol to provide the underlying communication between the client and the server.

  Note: Disabling the IPP service also blocks port 631.

20.14. Client Specifications Macintosh

- Operating system: OS 10.4 or higher
- Protocols: AppleTalk, TCP/IP
- 256 MB is required. 512 MB is recommended

20.15. Client Specifications PC

- Required platform: PC platform capable of running supported operating system
- Operating system: Windows 7, 2000, 2003, XP and Vista
- Protocols: TCP/IP
- Recommended memory: Operating system dependent, e.g., Windows XP, 256 MB is required.
- 512 MB is recommended

20.16. Client Specifications UNIX

- A workstation with standard TCP/IP connectivity.
- TCP/IP printing software that conforms to RFC1179 (Berkeley lpd protocol).
- No print drivers supplied

20.17. PPDs and Print Drivers

PPDs are provided for Windows 7, 2000, XP, Vista (Windows Hardware Quality Laboratories tested, [WHQL]) and Apple Macintosh 10.4 or higher.

WHQL certification is available from www.xerox.com post launch.

20.18. Client

If you experience slow printing from Windows 2000 using the Standard TCP/IP Port, contact Microsoft Product Support. For more information on this issue, see Microsoft Knowledge Base Article 816627, which is described at support.microsoft.com.

20.19. Command Workstation

- Job Management must be performed from the Xerox® EX Print Server user interface instead of the printers interface.
- Jobs archived using a previous version of software may not be compatible to later versions of the Xerox® EX Print Server, powered by Fiery®.
- Some applications do not support all Adobe PostScript features. Usually the application will simply ignore the feature, but in rare cases a printing error may occur.
- Printing from some applications may require Use PDF/X Objects to be disabled (it is Default Off) to allow for proper printing.

20.20. DVD/ CD-RW

Although files cannot be archived directly to CD-DVD, they may be archived offline, copied to CD-DVD and then retrieved by importing archived file from CD-DVD.

20.21. PPD's and Print Drivers

Mixed Media attributes can only be programmed from the page attributes at the client's UNIDRIVER. For those clients that do not utilize the UNIDRIVER (Mac OS X), mixed attributes must be programmed at the Command WorkStation (CWS).

21. Environmental Requirements

Environmental Factor	Recommended	Minimum	Maximum
Temperature	70 degrees F (22 Celsius)	50 degrees F (10 Celsius)	90 degrees F (32 Celsius)
Humidity	45 % RH	15 % RH	80 % RH
Ozone Emission Specifications	Concentration Based on Daily Copy Volume: 15000 Room Size: 50 m^3 Simulation Model: 0.005 mg/m^3		
Altitude (above sea level)		0 feet (0 m)	10,000 feet (3,048 M)
Power Consumption (approximate) Energy Star (eStar) compliant. See Power Requirements for more information		Standby: 375w Low Power: 120w Sleep Mode: 13w	Running: 1.92Kw
Noise (Approximate sound pressure level at operator position)		Standby (dbA) 54.4	Running (dbA) 78.7 Peak (dbA) 81.5
Nominal Voltage	208 VAC	187VAC	254VAC

Environmental Factor	Recommended	Minimum	Maximum
Heat Emission / Output		Standby: 1500 BTU/Hr	Approx. 50Hz - 7,516 BTU/Hr 60 Hz - 7,448 BTU/Hr (Running)

Ventilation Requirements:

      o **Indoor air quality procedure-**

An acceptable indoor environment contributes to productivity, comfort, and a sense of health and well being. The minimum recommended exhaust rate for copy and printing rooms is 0.5 cfm/ft2 (cubic feet per minute per square foot of floor space). This must be replaced with an equal volume of fresh, outside air or adequately filtered, recirculated air delivered with adequate mixing. For office buildings, a minimum of 10 % outside air is generally mixed with recirculated air. This is a method of providing enough clean air to the space to be confident that emissions will be diluted to acceptable levels.

- ***For greater detail regarding adequate venting for your Xerox equipment please refer to the Customer Site Survey and the (IPD) Install Preparation Document or (IPG) for your appropriate device.**

NOTE 1: If above 90 Degrees F (32 Celsius), reduced relative humidity is required to maintain the specific performance.

NOTE 2: For altitudes above 10,000 feet, equipment shutdown rates may increase.

22. Electrical Requirements

Please reference both the Customer Site Survey and the Installation Preparation Document.

The electrical outlet must be located within 6 feet (1828 mm) to the right of the right rear corner of the main processor, or no more than 3 feet (914 mm) to the left of the left rear corner of the main processor (when facing the machine). The outlet/circuit cannot be shared with any other devices or equipment.

Printer System (Western Hemisphere)

	Main Processor	Optional Controller	All Feeders and Finishers (each require a separate electrical connection)
Nominal Voltage	208-240 VAC (+6 % to -10 %)	100-240 VAC, single phase (+6 % to -10 %)	100-240 VAC, single phase (+6 % to -10 %)
Amperage	13/15	3	13/15
Cycles	50/60 HZ	50/60 HZ	50/60 HZ

	Main Processor	Optional Controller	All Feeders and Finishers (each require a separate electrical connection)
Receptacle NEMA Part No.	6-15R	5-15R	5-15R
Xerox® Receptacle Part No.		600S3704	600S3704
Power Cord Length	8.2 feet/2.5 meters	6 feet/3 meters	10 feet/3 meters
Receptacle Diagram (North America only: All others: Flying-leads)			
Power		150 W maximum	60 W maximum

Compliance:
North America : Energy Star (eStar), Choice, cULus,
Europe: CE, NEMKO, WEEE compliance
13 Amp is for UK

"Note: The electrical specifications provided must be followed, but local electrical code requirements take precedence".

23. Roles and responsibilities

Action	Customer	Xerox®
Ensure adequate space and power to install system	X	
Unpack system/components		X
Connect all system components prior to powering up the system		X
Provide power wall receptacle for system	X	
Install the client software	X	
Confirm network integrity	X	
Acquire and install client work-station network hardware/software	X	
Order and replace drum cartridge	X	
Insure document security	X	
Remove and ship failed components to Xerox®		X *
Provide Helpline Support		X *
Provide spared parts		X *
Provide service		X *
Ordering consumables prior to installation	X	
Review Xerox® D110/D125 Customer Service and Productivity Document	X	X

* Xerox® responsibility when a Full Service Maintenance Agreement (FSMA) is purchased.
If FSMA is not purchased, this action becomes a customer responsibility.

Xerox® Customer Service is available to provide general information, answer questions, and take service calls. You can reach the Customer Service Center at the following toll-free phone numbers:

- ➢ United States: 1-800-821-2797
- ➢ Canada: 1-800-939-3769

For more information regarding supported media or ordering paper, please contact the Supplies Marketing Center at:

- ➢ United States: 1-800-822-2200
- ➢ Canada: 1-800-668-0199 (English) 1-800-668-0133 (French)

- • **Xerox Europe (Local Numbers):**

(AT) Austria 01 207 9000
(BE) Belgium Dutch: 02 713 14 53
French: 02 713 1452
(DK) Denmark 7010 7288
(FI) Finland 09 6937 9666
(FR) France 0825 012 013
(DE) Germany 0180 500 4392
(IR)Ireland 1890 925 050
(IT) Italy 199 112 088
(NL) Netherlands 020 656 3620
(NO) Norway 815 00 308
(PO)Portugal 707 201081
(ES) Spain 902 160 236
(SE) Sweden 0771 17 88 08
(CH) Switzerland French: 043 299 9001
German: 043 299 9000
Italian: 043 299 9002
(GB) United Kingdom 0870 900 5501

I have reviewed this document and understand the specifications listed:

_____

Customer   *Date*

_____

Xerox Sales Representative   *Date*